

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/594,772
Source: IFWP
Date Processed by STIC: 10/6/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

10/594,772

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

- 4 ✓ Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped
 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000

- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)

- 11 Use of <220>
 → Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules

- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/594,772

DATE: 10/06/2006

TIME: 10:58:16

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10062006\J594772.raw

*see item 4 on Erra
summary
sheet*

3 <110> APPLICANT: SUNTORY LIMITED
5 <120> TITLE OF INVENTION: CULTIVATION METHOD OF LIPID PRODUCING FUNGI AND USE OF
6 SUCH A METHOD
8 <130> FILE REFERENCE: P160307

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/594,772

C--> 10 <141> CURRENT FILING DATE: 2006-09-29

10 <150> PRIOR APPLICATION NUMBER: JP 2004-107512

W--> 11 <151> PRIOR FILING DATE: 2004-3-31 2004-03-31

13 <160> NUMBER OF SEQ ID NOS: 18

15 <170> SOFTWARE: PatentIn Ver. 2.1

17 <210> SEQ ID NO: 1

18 <211> LENGTH: 30

19 <212> TYPE: DNA

20 <213> ORGANISM: Artificial Sequence

22 <220> FEATURE:

23 <223> OTHER INFORMATION: Description of Artificial Sequence: (HisProFX)

25 <400> SEQUENCE: 1

26 tacgaattca agcgaaagag agattatgaa

29 <210> SEQ ID NO: 2

30 <211> LENGTH: 30

31 <212> TYPE: DNA

32 <213> ORGANISM: Artificial Sequence

34 <220> FEATURE:

35 <223> OTHER INFORMATION: Description of Artificial Sequence: (TrpCRX)

37 <400> SEQUENCE: 2

38 gaagaattcc ctctaaacaa gtgtacctgt

41 <210> SEQ ID NO: 3

42 <211> LENGTH: 31

43 <212> TYPE: DNA

44 <213> ORGANISM: Artificial Sequence

46 <220> FEATURE:

47 <223> OTHER INFORMATION: Description of Artificial Sequence: (MAELORNAi1-1)

49 <400> SEQUENCE: 3

50 ctggatccta tggccgccgc aatcttggac a

53 <210> SEQ ID NO: 4

54 <211> LENGTH: 30

55 <212> TYPE: DNA

56 <213> ORGANISM: Artificial Sequence

58 <220> FEATURE:

59 <223> OTHER INFORMATION: Description of Artificial Sequence: (MAELORNAi3)

61 <400> SEQUENCE: 4

62 aaccatgggtc atccctaggt ggaagtaatg

65 <210> SEQ ID NO: 5

see pp 1-3

*Does Not Comply
Corrected Diskette Needed*

(HisProFX)
30

*? what is
the source
of the
genetic
material?
(see item 11
on Erra
summary
sheet)*

(TrpCRX)
30

(MAELORNAi1-1)
31

(MAELORNAi3)
30

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/594,772

DATE: 10/06/2006

TIME: 10:58:16

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10062006\J594772.raw

66 <211> LENGTH: 30
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: MAELORNAi1
73 <400> SEQUENCE: 5
74 ttggatccat ggccgccgca atcttgaca 30
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 30
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: MAELORNAi5
85 <400> SEQUENCE: 6
86 tgatctccta ggtggaacac tgatagccac 30
89 <210> SEQ ID NO: 7
90 <211> LENGTH: 20
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: RDNA1
97 <400> SEQUENCE: 7
98 acaggtacac ttgttttagag 20
101 <210> SEQ ID NO: 8
102 <211> LENGTH: 20
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: RDNA2
109 <400> SEQUENCE: 8
110 cgctgcgttc ttcacgatg 20
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 25
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of Artificial Sequence: MAELO-1
121 <400> SEQUENCE: 9
122 agtccatcga ctccttcgtc ttcca 25
125 <210> SEQ ID NO: 10
126 <211> LENGTH: 25
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: MAELO-2
133 <400> SEQUENCE: 10
134 cgggtgtcagc caactcccag tactt 25
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 27

RAW SEQUENCE LISTING

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,772

TIME: 10:58:16

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10062006\J594772.raw

139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence: d12-1
145 <400> SEQUENCE: 11
146 gcggatccat ggcacctccc aacacta 27
149 <210> SEQ ID NO: 12
150 <211> LENGTH: 28
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: d12-2
157 <400> SEQUENCE: 12
158 agaggccttc ataataaggt acgcaggc 28
161 <210> SEQ ID NO: 13
162 <211> LENGTH: 25
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: d12-3
169 <400> SEQUENCE: 13
170 ttgctattga tctgacctgg gcctc 25
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 24
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: d12-4
181 <400> SEQUENCE: 14
182 tgggaacaaa gacctgggtcc ttgg 24
185 <210> SEQ ID NO: 15
186 <211> LENGTH: 29
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
192 MAELO-H1
194 <400> SEQUENCE: 15
195 gcaagcttat ggccgcccga atcttggac 29
198 <210> SEQ ID NO: 16
199 <211> LENGTH: 30
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
205 MAELO-S1
207 <400> SEQUENCE: 16
208 gcactagttt agatgtgctt gctgttggag 30
211 <210> SEQ ID NO: 17

RAW SEQUENCE LISTING

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,772

TIME: 10:58:16

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10062006\J594772.raw

212 <211> LENGTH: 30
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
218 MAELORNAi3
220 <400> SEQUENCE: 17
221 tgccatgggg aaatatgccc taggccatgc 30
224 <210> SEQ ID NO: 18
225 <211> LENGTH: 27
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
231 MAELORNAi4
233 <400> SEQUENCE: 18
234 cacttaccta ggggcttctt cttgagg 27

VERIFICATION SUMMARY

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,772

TIME: 10:58:17

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\10062006\J594772.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:11 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD